

5' CTG TTC CAG TGC GCG GGT CTG TGG AGA GCC GGG TGC GAG CGG CGG CAG CAC GAG  
 9 18 27 36 45 54  
 GGG AAA AGA GCT GAG CGG AGA CCA AAG TCA GCC GGG AGA CAG TGG GTG TGT GAG  
 63 72 81 90 99 108  
 AGA CCG AAT AGA GGG GCT GGG GCC AGC AGC GCC ATT GAC AAG CAA TGG GGA AGA  
 117 126 135 144 153 162  
 AAC AGA AAA ACA AGA GCG AAG ACA GCA CCA AGG ATG ACA TTG ATC TTG ATG CCT  
 171 180 189 198 207 216  
 TGG CTG CAG AAA TAG AAG GAG CTG GTG CTG CCA AAG AAC AGG AGC CTC AAA AGT  
 225 234 243 252 261 270  
 CAA AAG GGA AAA AGA AAG AGA AAA AAA AGC AGG ACT TTG ATG AAG ATG ATA  
 279 288 297 306 315 324  
 TCC TGA AAG AAC TGG AAG AAT TGT CTT TGG AAG CTC AAG GCA TCA AAG CTG ACA  
 333 342 351 360 369 378

FIGURE 1A

387	396	405	414	423	432
GAG AAA CTG TTG CAG TGA AGC CAA CAG AAA ACA ATG AAG AGG AAT TCA CCT CAA					
M K R N S P Q					
441	450	459	468	477	486
AAG ATA AAA AGA AAG GAC GAG AGA AGG GCA AAA AAA CAG AGT TTT GAT GAT AAT					
K I K R K D R A K K Q S F D D N					
495	504	513	522	531	540
GAT AGC GAA GAA TTG GAA GAT AAA GAT TCA AAA TCA AAA AAG ACT GCA AAA CCG					
D S E L E D K D S K S K T A K P					
549	558	567	576	585	594
AAA GTG GAA ATG TAC TCT GGG AGT GAT GAT GAT GAT TTT AAC AAA CTT CCT CCT					
K V E M Y S G S D D D F N K L P					
603	612	621	630	639	648
AAA AAA GCT AAA GGG AAA GCT CAA AAA ATT AAA GAG CGT TCA AGA ATA AAT TCT TCT					
K K A K G K A Q K S N K W D G S E					
657	666	675	684	693	702
GAG GAT GAG GAT AAC AGT AAA AAA ATT AAA GAG CGT TCA AGA ATA AAT TCT TCT					
E D E N S K K I K E R S R I N S S					
711	720	729	738	747	756
GGT GAA AGT GGT GAT GAA TCA GAT GAA TTT TTG CAA TCT AGA AAA GGA CAG AAA					
G E S G D E S D E F L Q S R K G Q K					

FIGURE 1B

765		774		783		792		801		810
AAA	AAT	CAG	AAA	AAC	AAG	CCA	GGT	CCT	AAC	ATA
K	N	Q	K	N	K	P	G	P	N	I
D	A	S	F	I	K	T	V	A	Q	K
819		828		837		846		855		864
GAC	GCC	TCC	TTC	AAA	ATT	AAG	ACA	GTG	GCC	CAA
D	A	S	F	I	K	T	V	A	Q	K
873		882		891		900		909		918
CGC	GAG	AGA	AAA	AAG	CGA	GAT	GAA	GAA	GCG	AAA
R	E	R	K	K	R	D	E	E	K	A
927		936		945		954		963		972
AAA	GAA	GAG	TTA	GAA	ACA	GGT	AAA	AAG	GAT	CAG
K	E	E	L	E	T	G	K	K	D	Q
981		990		999		1008		1017		1026
AGG	AAA	TTT	GAA	GAA	ACT	GTA	AAA	TCC	AAA	GTG
R	K	F	E	E	E	T	V	K	S	K
1035		1044		1053		1062		1071		1080
ATT	CCT	GCC	TCT	GAA	GAG	AAA	GCA	GAG	ACT	CCC
I	P	A	S	E	E	K	A	E	T	P
1089		1098		1107		1116		1125		1134
GAA	GGA	GAC	AAA	AAG	AAG	AAA	GAT	AAG	AAA	AAA
E	G	D	K	K	K	D	K	K	K	G

FIGURE 1C

.....GAGAAA.....GAGAAA.....GAGAAA.....GAGAAA.....GAGAAA.....

1143      1152      1161      1170      1179      1188  
AAA GAG AAA GAG AAG AAA AAA GGA CCT AGC AAA GCC ACT GTT AAA GCT ATG CAA  
K E K E K K G P S K A T V K A M Q

1197      1206      1215      1224      1233      1242  
GAA GCT CTG GCT AAG CTT AAA GAG GAA GAA GAA AGA CAG AAG AGA GAA GAG GAA  
E A L A K L K E E E R Q K R E E E

1251      1260      1269      1278      1287      1296  
GAA CGT ATA AAA CGG CTT GAA GAA TTA GAA AGC AGC AAG CCC TAA GCA CAA GGA ACC  
E R I K R L E E L E S K P

1305      1314      1323      1332      1341      1350  
GTT TGG AAC CCA GAC CAA AAG AGC AAG GGC ACA GGC AAG ACA CCA AAC CAA GGG

1359      1368      1377      1386      1395      1404  
GCG GCC CCC GAA TTA ATG TAC CTC TTC GCA CCG GGA CCT CCT TTC GGG GCC GTT

1413      1422      1431  
CCT GCA AGC GGA ACC AAT TTT CCC TAA AGG 3'

FIGURE 1D

## FIGURE 2

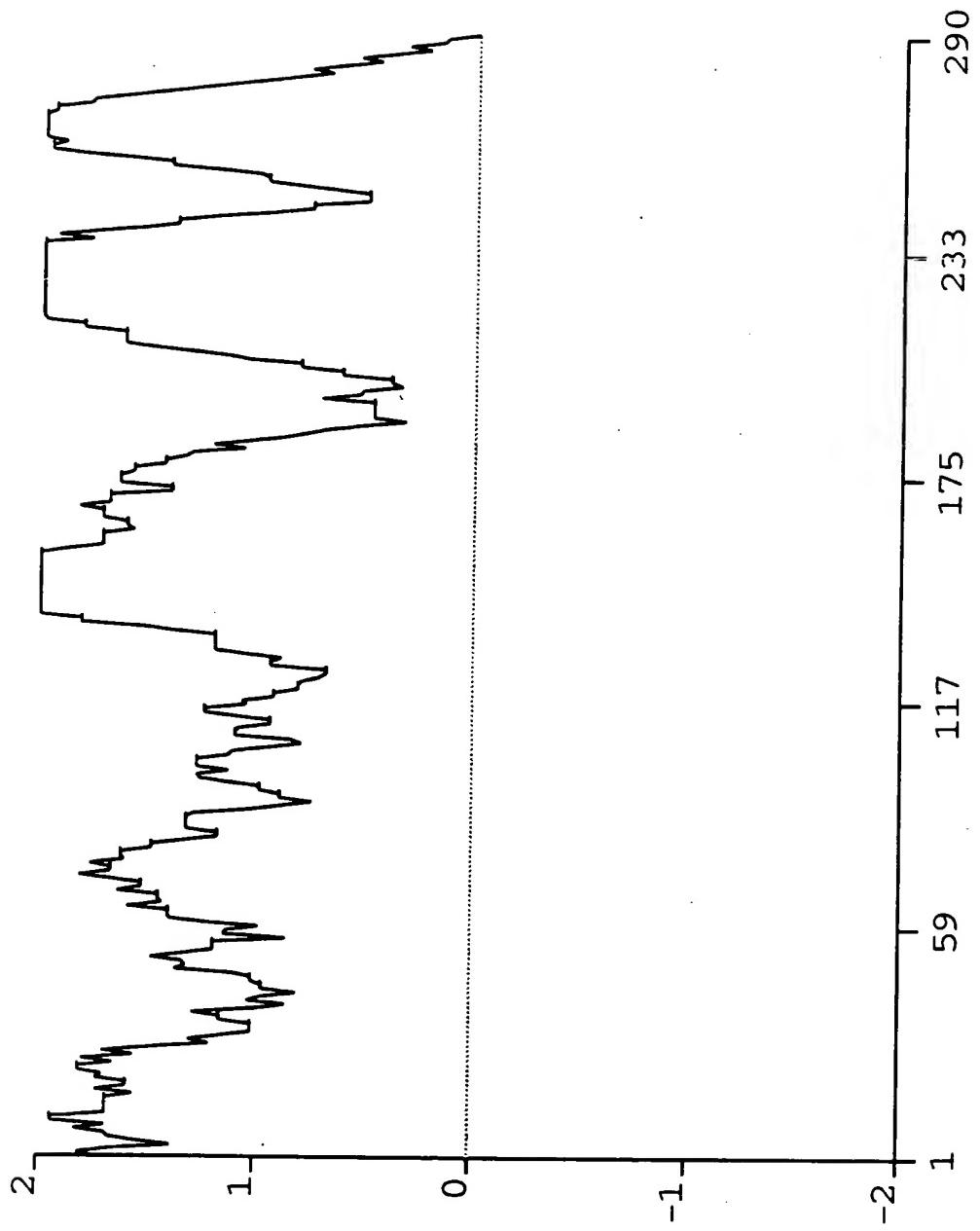


FIGURE 3A

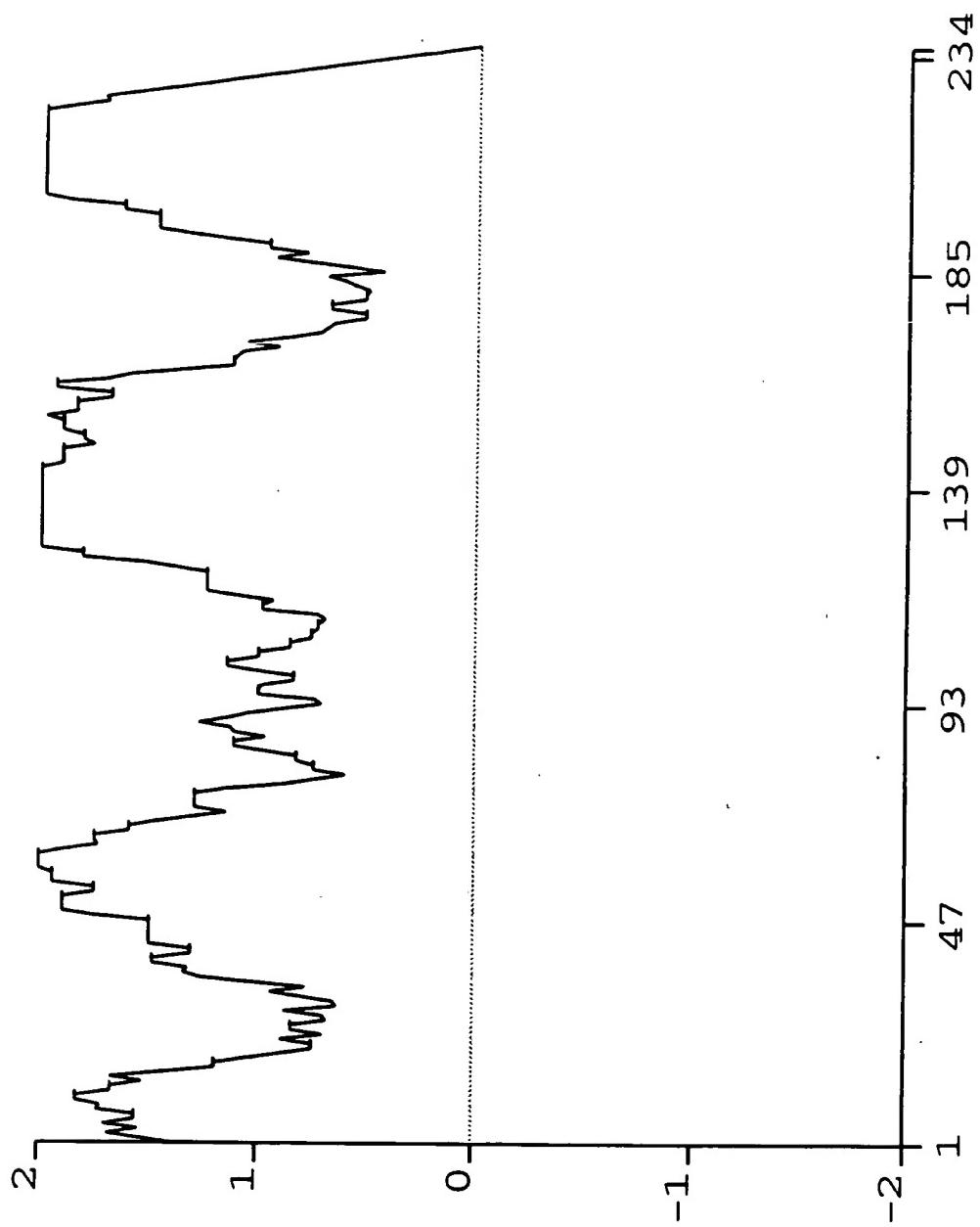


FIGURE 3B